

PAT-NO: JP411279596A
DOCUMENT-IDENTIFIER: JP 11279596 A
TITLE: BREACHING AUXILIARY AND BREACHING AGENT COMPOSITION CONTAINING THE SAME
PUBN-DATE: October 12, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAGUCHI, SHIGERU	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
NIPPON SHOKUBAI CO LTD	N/A

APPL-NO: JP10084362

APPL-DATE: March 30, 1998

INT-CL (IPC): C11D007/22 , C11D007/54 ,
D06L003/02 , D21C009/10 ,
D21C009/16 , C08F283/06

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain an auxiliary which provides a composition with excellent storage stability and bleachability by incorporating a water-soluble graft polymer constituted by the graft polymerization of monoethylenic unsaturated monomer components

containing a monoethylenic unsaturated carboxylic acid monomer upon a polyether compound.

SOLUTION: A water-soluble graft polymer constituted by the graft polymerization of monoethylenic unsaturated monomer components containing as an essential component preferably 80 mole% or more of a monoethylenic unsaturated carboxylic acid monomer containing preferably 40-100 mole% of (meth)acrylic acid upon a polyether compound comprising as a main constituent unit 80 mole% or more of preferably ethylene oxide and having a number average mol.wt. of 100 or more, is made to be contained. This polymer exhibits excellent properties in anti-gelling, dispersing and chelating multivalent metal ions such as Mn, Cu, Fe, Ni, Co and the like eluted from pulps or the like or contained in service water, inhibiting unproductive decomposition of a peroxide bleaching agent.

COPYRIGHT: (C) 1999, JPO